Change(s) applied to 217 596 B1 01/15/1992 EP to document JMD/ 0 229 413 A1 07/22/1987 EP				1		
## 13/2011 0 236 099 B2 0 09/09/1987 EP 0 350 170 B2 0 10/10/1990 EP 0 360 491 A2 0 397 517 11/1990 EP 0 414 202 B1 0 416 848 A1 0 3/13/1991 EP 0 447 035 A2 0 09/18/1991 EP 0 448 051 977 A1 0 416 1977 A1 0 416 1981 0 461 848 0 516019 A2 0 20/12/1992 EP 0 552 911 B1 0 7/28/1993 EP 0 938521 B1 0 09/01/1999 EP 2516017 10/11/1982 GB 2124240 A 02/15/1984 GB 2124240 A 02/15/1984 Change(s) applied to document PAMM 4/15/2011 DAMM 58-102762 6/1983 JP X X ABSTRACT ONLY 10-276383 10/1998 1993/08221 10-93/09173 7/19/1995 WO 1993/09173 7/19/1995 WO 1993/09173 7/19/1995 WO 1993/09173 7/19/1995 WO 1994/18263 0 08/18/1994 WO 1994/18263 0 08/18/1994 WO	Change(s) applied	0 217 596 B1	01/15/1992	EP		
0 236 099 B2 0909/1987 EP 0 350 170 B2 01/10/1990 EP 0 360 491 A2 03/28/1990 EP 0 414 202 B1 11/15/1995 EP 0 416 848 A1 03/13/1991 EP 0 451 977 A1 10/16/1991 EP 0 451 977 A1 10/16/1991 EP 0 552 911 B1 07/28/1993 EP 0 552 911 B1 07/28/1993 EP 0 552 911 B1 07/28/1993 EP 0 552 911 B1 09/01/1999 EP 0 2516017 10/11/1982 FR 2063278 61981 GB 2124240 A 02/15/1984 GB 2124240 A 02/15/184240 A 02/15/1984 GB 2124240 A 02/15/184240 A 02/15/184240	1 1	0 229 413 A1	07/22/1987	EP		
0 350 170 B2 01/10/1990	•	0 236 099 B2	09/09/1987	EP		
0 397 517		0 350 170 B2	01/10/1990	EP		
0 397 517 11/1990 EP 0 414 202 B1 11/15/1995 EP 0 416 848 A1 03/13/1991 EP 0 451 977 A1 10/16/1991 EP 0 451 977 A1 10/16/1991 EP 0 461 848 12/18/1991 EP 0 552 911 B1 07/28/1993 EP 0706455 B1 04/17/1996 EP 0938521 B1 09/01/1999 EP 2516017 10/11/1982 FR 2063278 6/1981 GB 2124240 A 02/15/1984 GB 2124240 A 02/15/1984 GB Change(s) applied 58-37907 6/1983 JP X DAM/ 4/15/2011 3-26541 2/1991 JP 10-276383 10/1998 JP X ABSTRACT ONLY 10-276383 10/1998 JP X 1997/07880 12/30/1987 WO 1999/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1994/07954 04/14/1994 WO 1994/07954 04/14/1994 WO 1994/07954 04/14/1994 WO 1994/18263 08/18/1994 WO		0 360 491 A2	03/28/1990	EP		
0 416 848 A1 0.3/13/1991 EP		0 397 517	11/1990	EP		
0 447 035 A2 09/18/1991 EP		0 414 202 B1	11/15/1995	EP		
0 451 977 A1 10/16/1991 EP		0 416 848 A1	03/13/1991	EP		
0 461 848 12/18/1991 EP 0516019 A2 02/12/1992 EP 0 552 911 B1 07/28/1993 EP 0706455 B1 04/17/1996 EP 0938521 B1 09/01/1999 EP 2516017 10/11/1982 FR 2063278 6/1981 GB 2124240 A 02/15/1984 GB 2124240 A 02/15/1984 GB 21-101315 +/ 1989 JP X DAM/ 1-101315 +/ 1989 JP X 58-102762 6/ 1983 JP X 3-26541 2/ 1991 JP ABSTRACT ONLY 10-276383 10/ 1998 JP X 1987/07880 12/30/1987 WO 1990/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/08221 04/29/1993 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/09060 1994/18263 08/18/1994 WO		0 447 035 A2	09/18/1991	EP		
0516019 A2 02/12/1992 EP 0552 911 B1 07/28/1993 EP 0706455 B1 04/17/1996 EP 0938521 B1 09/01/1999 EP 2516017 10/11/1982 FR 2063278 6/1981 GB 2124240 A 02/15/1984 GB 2124240 A 02/15/1984 GB 1-101315 +/ 1989 JP X 58-102762 6/ 1983 JP X 3-26541 2/ 1991 JP 10-276383 10/ 1998 JP X 1997/07880 12/30/1987 WO 1992/14784 09/03/1992 WO 1992/14784 09/03/1992 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		0 451 977 A1	10/16/1991	EP		
0 552 911 B1 07/28/1993 EP		0 461 848	12/18/1991	EP		
0706455 B1 04/17/1996 EP 0938521 B1 09/01/1999 EP 2516017 10/11/1982 FR 2063278 6/1981 GB 2124240 A 02/15/1984 GB 2124240 A 02/15/1984 GB C hange(s) applied 58-37907 6/1983 JP X 1-101315 4/1989 JP X 3-26541 2/1991 JP 3-26541 2/1991 JP 3-26541 2/1991 JP X ABSTRACT ONLY 10-276383 10/1998 JP X 1987/07880 12/30/1987 WO 1999/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/08173 7/19/1995 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		0516019 A2	02/12/1992	EP		
0938521 B1 09/01/1999 EP		0 552 911 B1	07/28/1993	EP		
2516017 10/11/1982 FR 2063278 6/1981 GB 2124240 A 02/15/1984 GB Change(s) applied 58-37907 6/1983 JP X 1-101315 +/ 1989 JP X 58-102762 6/ 1983 JP X 15/2011 JP 10-276383 10/ 1998 JP X 1987/07880 12/30/1987 WO 1990/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/08173 7/19/1995 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		0706455 B1	04/17/1996	EP		
2063278 6/1981 GB 2124240 A 02/15/1984 GB C hange(s) applied 58-37907 6/1983 JP to document. 1-101315 4/ 1989 JP X 58-102762 6/ 1983 JP 3-26541 2/ 1991 JP 10-276383 10/ 1998 JP X 1987/07880 12/30/1987 WO 1990/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		0938521 B1	09/01/1999	EP		
Change(s) applied 58-37907 6/1983 JP X X		2516017	10/11/1982	FR		
Change(s) applied 58-37907 6/1983 JP X 1-101315 4/1989 JP X D.A.M./ 4/15/2011 58-102762 6/1983 JP X 3-26541 2/1991 JP ABSTRACT ONLY 10-276383 10/1998 JP X 1987/07880 12/30/1987 WO 1990/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/08221 04/29/1993 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/0960 04/28/1994 WO 1994/0960 04/28/1994 WO 1994/18263 08/18/1994 WO		2063278	6/1981	GB		
to document, D.A.M./ 4, 15/2011 1-101315		2124240 A	02/15/1984	GB		
58-102762 6/ 1983 JP 3-26541 2/ 1991 JP 10-276383 10/ 1998 JP X 1987/07880 12/30/1987 WO 1990/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/08221 04/29/1993 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO	ii '1'	58-37907	6/1983	JP		X
3-26541		1-101315	4/ 1989	JP		X
3-26541		58-102762	6/ 1983	JP	.	X
1987/07880 12/30/1987 WO 1990/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO	1,77,2011	3-26541	2/1991	JP		
1990/03414 04/05/1990 WO 1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		10-276383	10/1998	JP		X
1992/14784 09/03/1992 WO 1993/08221 04/29/1993 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		1987/07880	12/30/1987	wo		
1993/08221 04/29/1993 WO 1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		1990/03414	04/05/1990	wo		·
1993/09173 7/19/1995 WO 1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		1992/14784	09/03/1992	wo		
1994/06857 03/31/1994 WO 1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		1993/08221	04/29/1993	wo		
1994/07954 04/14/1994 WO 1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		1993/09173	7/19/1995	wo		
1994/09060 04/28/1994 WO 1994/18263 08/18/1994 WO		1994/06857	03/31/1994	wo		
1994/18263 08/18/1994 WO		1994/07954	04/14/1994	wo		
		1994/09060	04/28/1994	wo		
1995/04761 02/16/1995 WO		1994/18263	08/18/1994	wo		
		1995/04761	02/16/1995	wo		

INFORMATION DISCLOSURE CITATION		Atty. Docket	No.: 41939/42907		Serial No 08/996,30							
				Applicant(s:	Babrowicz et al							
=				Filing Date: 1	Filing Date: 12/22/97			Group: *				
U.S. PATENT DOCUMENTS												
Examiner duitials	97.		Document Number	Date	Name	Class	Sub Class		Date If priate			
B	y 58 2 58	· (==	5,272,016	12/21/93	Ralph	428	516	2/19/9)3			
THE R.	59	88 3	5,272,236	12/21/93	Lai et al.	526	348.5	10/15/9	91			
To Real	MARKOF	FICE	5,278,272	1/11/94	Lai et al.	526	348.5	9/02/9	92			
	61		5,279,872	1/18/94	Ralph	428	34.9	2/17/9)3			
	62		5,283,128	2/01/94	Wilhoit	428	516	3/23/92				
	63		5,302,402	4/12/94	Dudenhoeffer et al.	426	129	11/20/92				
	64		5,376,394	12/27/94	Dudenhoeffer et al.	426	415	1/21/94				
	65		5,376,439	12/27/94	Hodgson et al.	428	220	3/29/94				
	66		5,397,613	3/14/95	Georgelos	428	36.7	7/12/93				
-	67		5,397,640	3/14/95	Georgelos et al.	428	349	1/31/94				
	68		5,403,668	4/04/95	Wilhoit	428	500	1/14/94				
V	69		5,427,807	6/27/95	Chum et al.	426	393	4/26/93				
]	FOREIGN PAT	ENT DOCUMENTS							
			Document Number	Date	Country	Class	Sub- Class	Translation				
								N	NI.			
DA	70		1007(2/92	6/10/02			1	Yes	No			
9	70		102763/83	6/18/83	Japan							
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15/201	73		0 227 421	12/16/86	Europe	-	L U		<u> </u>			
	OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)											
81		74	 "Determination of Branching Distributions in Polyethylene and Ethylene Copolymers", Wild et al. Journal of Polymer Science, Vol. 20, 1982, pp 441-455 									
_	-	75_	RD&E Development Order Form, Film type LDX-3204									
76 Duncan Customer-Service Form, H-E-Butt-Grocery, Product #9W947												
EXAMIN	IER	T	A		Date Considered 5							
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 509; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPPP 009; Draw line through citation it not in conformance and not considered. Include copy of this form with next communication to applicant.												